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=> d full his

     (FILE 'HOME' ENTERED AT 20:41:57 ON 19 FEB 2003)

     FILE 'HCAPLUS' ENTERED AT 20:44:15 ON 19 FEB 2003
L1            96 SEA ABB=ON  PLU=ON  RODA OR RODA PROTEIN OR RODA CELL DIVISION
                 PROTEIN
L2             1 SEA ABB=ON  PLU=ON  L1 (L) (CORYNEFORM OR CORYNEFORM BACTERIA
                 OR (BACTERIA (L) CORYNEFORM))
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L2 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:220642 HCAPLUS
DOCUMENT NUMBER: 136:261900
TITLE: Sequences of rodA gene from corynebacteria and use thereof in production of L-lysine
INVENTOR(S): Farwick, Mike; Huthmacher, Klaus; Pfefferle, Walter; Bathe, Brigitte
PATENT ASSIGNEE(S): Degussa A.-G., Germany
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002022668	A1	20020321	WO 2001-EP9097	20010807
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10132947	A1	20020321	DE 2001-10132947	20010706
AU 2001085878	A5	20020326	AU 2001-85878	20010807
US 2002051993	A1	20020502	US 2001-950071	20010912

PRIORITY APPLN. INFO.: DE 2000-10044943 A 20000912
DE 2001-10132947 A 20010706
WO 2001-EP9097 W 20010807

AB The **rodA** gene of Corynebacterium glutamicum ATCC13032 encoding cell division protein is cloned for use in increasing the efficiency of fermn. of L-lysine by **coryneform bacteria**. Methods and culture media for fermentative prepn. of L-lysine with recombinant bacterial strains transformed with these vectors are also provided. Enhancement of the **rodA** gene expression by **rodA** shuttle vector increased the yield of L-lysine in a Corynebacterium host from 13.02 g lysine/L at 11.3 OD660 to 14.15 g lysine/L at 12.6 OD660. The fermentatively prepd. L-lysine are useful in pharmaceutical industry and foodstuff industry and very particularly in animal nutrition.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT